- THE CONTRACTOR SHALL CALL FOR A PRE-CONSTRUCTION MEETING WITH MAINTENANCE SERVICES INSPECTION PRIOR TO MOBILIZATION. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (811) TWO DAYS PRIOR TO ANY
- ALL GRADING SHALL BE ACCOMPLISHED BY SEPARATE GRADING PLAN AND PERMIT. OBTAINED FROM
- HOURS OF OPERATION ARE 8:00AM TO 4:00PM MONDAY THROUGH FRIDAY, FOR ALL PARK
- SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT-OF-WAY REPAIR OR REPLACE ALL DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE CITY
- ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED REGISTERED CIVIL ENGINEER OR A LICENSED SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURE ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS

GENERAL NOTES

- DAYS. CONTRACTOR SHALL REQUEST A WALK-THROUGH EVERY 30 DAYS BY THE CITY MAINTENANCE SERVICES DEPARTMENT. A MINIMUM OF FOUR (4) WALK-THROUGHS SHALL BE COMPLETED AT 30 [
- INTERVALS PRIOR TO CITY ACCEPTANCE. ALL AREAS MUST BE CONTINUALLY MAINTAINED IN A HEALTHY, WEED FREE, AND VIGOROUS CONDITIO ALL HYDROSEED MUST BE 100% GERMINATED AND FILLED IN PRIOR TO ACCEPTANCE. SATISFACTOR
- -HYDROSEED GERMINATION AND ESTABLISHMENT SHALL BE DETERMINED BY THE CITY. ALL PLANT REPLACEMENT SHALL BE ESTABLISHED A MINIMUM OF 120 DAYS PRIOR TO PROJEC
- A PUNCH LIST WILL BE DEVELOPED BY THE CITY DURING EACH 30 DAY WALK-THROUGH TO NOTE DEFICIENCIES. EACH PUNCHLIST SHALL BE COMPLETED IN ITS ENTIRETY PRIOR TO SUBSEQUENT WALK-THROUGHS. FAILURE TO COMPLETE PUNCHLIST ITEMS WITHIN THE 30 DAY PERIOD WILL CORRESPONDINGLY EXTEND MAINTENANCE PERIOD. CONTRACTOR MUST NOTIFY THE CITY UPON PUNCHLIST COMPLETION FOR A WALK-THROUGH.

MAINTENANCE NOTES

- THE DEVELOPER/CONTRACTOR SHALL CONTACT THE MAINTENANCE SERVICES DEPARTMENT'S INSPECTOR AT EAST 48 HOURS IN ADVANCE TO INSPECT THE FOLLOWING:
- PRE JOB CONFERENCE WITH CITY APPROVED PLANS AT THE WORKSITE.
- COMPLETION OF ROUCH CRADE AND IDENTIFICATION OF ALL PROPERTY LINES.
- LAYOUT OF HARDSCAPE FORMS PRIOR TO POUR. WEED ABATEMENT.
- IRRIGATION INSTALLATION AT THE FOLLOWING POINTS: A. METER AND CONTROLLER PEDESTAL LOCATION
- B. PIPE TRENCHING AND INSTALLATION C. SLEEVE LOCATIONS
- -D. MAINLINE INSTALLATION WITH PRESSURE TEST AT 150 PSI FOR 4 HOURS-
- -E. POINT OF CONNECTION TO MAIN-F. BACKFLOW PREVENTION DEVICE INSTALLATION PRIOR TO BACKFILL
- G. CONTROL VALVE INSTALLATION H. BUBBLER INSTALLATION PRIOR TO BURYING LATERAL TRENCH
- LATERAL LINE FLUSHING. J. BUBBLER FLOW CHECK
- ROCK REMOVAL AND FINISHED GRADE PREPARATION. CALSENSE CERTIFICATION AND LOCAL RADIO TESTING.
- . FLOOD TEST OF FINISHED GRADE.
-). PLANT LAYOUT. . ACCEPTANCE OF PLANT QUALITY AND QUANTITY AT DELIVERY SITE.
- 2. PLANT INSTALLATION. 3. 30, 60, 90, 120 DAY PLANT MAINTENANCE REVIEW.
- 4. FINAL INSPECTION . ADDITIONAL INSPECTIONS WILL BE REQUIRED TO COMPLY WITH VARIOUS DEVELOPMENT PERMIT REQUIRED
- BY THE CITY OF CORONA. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE CITY AGENCY. -SEWER, UTILITIES, WALLS, BUILDING, ELECTRICAL - BUILDING AND SAFETY -EROSION CONTROL, STREET IMPROVEMENTS, SITE DRAINAGE - PUBLIC WORKS

FIELD INSPECTION REQUIREMENTS

-RECYCLED WATER INSPECTION - CITY OF CORONA DEPARTMENT OF WATER AND POWER.

- DIGITAL SCAN OF "AS-BUILT" DRAWINGS WITH VALVE SQUARE FOOTAGE.
- 11X17 LAMINATED CONTROLLER CHARTS (2 SETS)
- RECYCLED WATER LETTER OF CERTIFICATION FROM CITY OF CORONA DEPARTMENT OF WATER AND POWER
- (2) SETS CALSENSE REMOTE CONTROL UNITS MODEL #RRE-TRAN . 6 SETS OF ALL KEYS
- 1YEAR WRITTEN IRRIGATION AND PLANTING GUARANTEE INCLUDE COMPANY NAME, CONTACT PERSON,
 - TELEPHONE NUMBER AND
- BUSINESS ADDRESS 8. CALSENSE CERTIFICATION LETTER THAT INSTALLATION OF CONTROLLER AND HARDWARE HAS BEEN
- TOTAL PLANTING SQUARE FOOTAGE FOR EACH IRRIGATION VALVE ON "AS BUILT" TITLE SHEET 10. DIGITIZED DFX FILE FOR ENTIRE PROJECT, INCLUDING "AS BUILTS" ON CD ROM.
- 1. EQUIPMENT CATALOGS WITH EQUIPMENT INSTALLED HIGHLIGHTED
- 12. PLAY EQUIPMENT MANUFACTURER'S CERTIFICATION OF INSTALLATION AND COMPLIANCE 13. A COMPLETE AUDIT OF THE INSTALLED PLAY EQUIPMENT VERIFYING COMPLIANCE WITH CPSC
- REQUIREMENTS 14. PROJECT INVENTORY ON CITY PROVIDED FORM
- 5. PHOTO DOCUMENTATION OF PROJECT INSTALLATION

TURNOVER ITEMS

CFD 2001-1 AREA 4 TURF REMOVAL + LANDSCAPE RENOVATIONS

> 816 MONTOYA DR. METER # 59202052

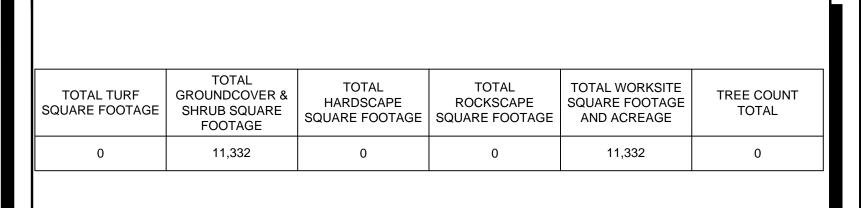
CITY OF CORONA

MAINTENANCE SERVICES DEPARTMENT 755 PUBLIC SAFETY WAY CORONA, CA 92880 PHONE: (951) 817-5880 CONTACT PERSON: TRACY MARTIN

CITY DEPARTMENT

HOLD HARMLESS & INDEMNIFICATION CLAUSE

Contractor agrees that he shall assume sole responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours, and hold the city and the landscape architect harmless from any and all liability real or alleged, in connection with the performance of work on the project, excepting for liability arising from the sole negligence of the owner, city or landscape architect.



PLANTING TOTALS



310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551



LANDSCAPE ARCHITECT

DIG ALERT

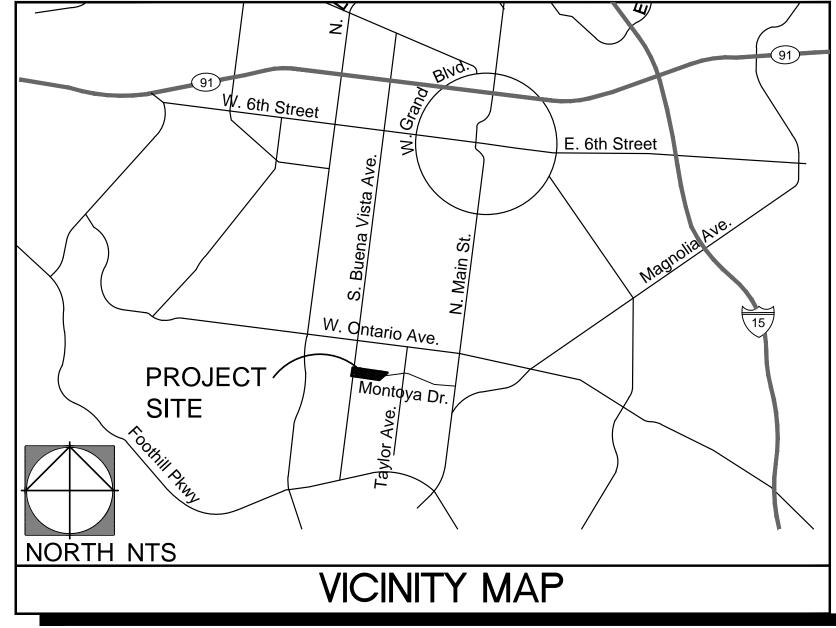
DIAL TOLL FREE

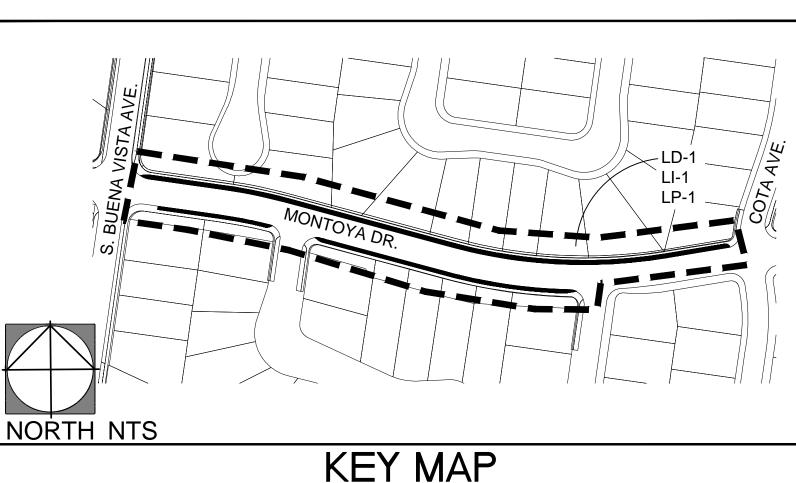
AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

| TOTAL CONTROLLERS/ STATIONS | TOTAL REMOTE CONTROL VALVES | TOTAL BACKFLOW PREVENTERS | TOTAL QUICK COUPLERS | TOTAL WATER METERS & ELECTRICAL POINTS OF CONNECTION | |
|---|--|---|----------------------------|--|--|
| EXISTING/0 NEW STATIONS (SPLICED) | 11 NEW | 0 NEW 0 NEW | | ALL EXISTING | |
| SQUARE FOOTAGE FOR IRRIGATION VALVE/ STATIONS | ROTARY IRRIGATION HEADS, MODEL#/ MANUFACTURER | SPRAY IRRIGATION HEADS, MODEL #/ MANUFACTURER | FLOW METER SIZE/ NUMBER | WATER METER & SIZE/ ELECTRICAL POC | |
| 11,332 SF / 11 VALVES | N/A | 0 | EXISTING | EXISTING | |

IRRIGATION COUNTS





| Sheet List Table | | | | | | |
|------------------|-------------------|-------------------|--|--|--|--|
| Sheet Number | Sheet Description | Sheet Title | | | | |
| 1 | LT-1 | TITLE SHEET | | | | |
| 2 | LN-1 | GENERAL NOTES | | | | |
| 3 | LDT-1 | DETAILS | | | | |
| 4 | LD-1 | DEMOLITION PLAN | | | | |
| 5 | LIL-1 | IRRIGATION LEGEND | | | | |
| 6 | LI-1 | IRRIGATION PLAN | | | | |
| 7 | LP-1 | PLANTING PLAN | | | | |
| | | | | | | |

SHEET INDEX

310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551 PROJECT NUMBER: XX

12/15/2017

PLANS PREPARED UNDER SUPERVISION OF SHANNON KARLSON

Reference Plans for these Improvements

REVISIONS

App'd

Nelson Nelson **PUBLIC WORKS DIRECTOR** CITY OF CORONA LANDSCAPE MAINTENANCE DISTRICT

LANDSCAPE PLANS

PROJECT: CFD 2001-1 AREA 4 TURF REMOVAL & RENOVATION SHEET TITLE: TITLE SHEET

LT-1

SPECIFICATIONS FOR SOIL PREPARATION

- 1. A comprehensive agronomic soil analysis is required for each proposed CFD/LMD site following rough grading. The soil test shall analyze texture, organic matter. estimated nitrogen release, phosphorus (P1, P2), potássium magnesium, calcium, soil Ph, cation exchange capacity, percent base saturation, soluble salts, excess lime rate, sodium, and boron.
- 2. Soil samples shall be analyzed by a certified lab.
- 3. A copy of the soil analysis lab report and the lab's recommended amendments shall be forwarded to the Maintenance Services Department with the approved plans and prior to pre—job meeting.
- 4. All CFD/LMD planting areas that are relatively flat or less than a 3:1 slope shall receive the following minimum preparation (this specification may be modified based on results of the soil analysis lab report.) Apply 200 lbs of Gro-Power Plus with 4% Sulfur (or approved equivalent) and 2 cubic yards of nitrolized shavings, or equal, per 1,000 sq. ft. Rototil twice in perpendicular directions, to a depth of 4-6 inches. After soil preparation, but prior to planting, irrigate with overhead irrigation so that a minimum of 4-6 inches of good quality water passes through the soil profile, beyond the root zone.
- 5. All trees (including parkway street trees) shall be planted with the following minimum backfill when directed by inspector. To obtain 1 cubic yard of of backfill mix use teh following ratio:
 - 1/2 Cubic yard screened top soil.
 - 1/2 Cubic yard nitrolized shavings.
 - 10 lbs. Gypsum.
 - 2 lbs. ferrous sulfate.**
 - 18oz Mycortree Rootsaver.
 - ** Be sure all ferrous sulfate is removed immediately from all hardscape surfaces.
- 6. For all 2:1 3:1 non-amended slope areas to receive planting, the following minimum amendment is required to be placed in the hydroseed slurry (this may be modified based on results from the soil analysis). Apply 1,000 lbs. Gro-Power Plus (or approved equal) with 4% Sulfur and 300 lbs. Gro-Power Controlled Release (12-8-8) (or approved equal) per
- 7. Use Mycor 4-7-4 + Micros Plant Saver in rootball backfill at the following rates: 1 gal - 4oz 5 gal — 8oz

/ TO BE PLACED ON ALL CFD/LMD PLANS

Director of Public Works Director of Parks & Community Services Date:

15 gal - 16oz

(Soilnote.dwg) OF CORONA PUBLIC WORKS DEPARTMENT SOIL PREPARATION NOTES

WEED ABATEMENT REQUIREMENT

- 1. Weed abatement to be completed prior to installation of point source irrigation system
- A. Spray non-selective systemic herbicide on all emerged weeds and existing
- turf areas per licensed pest control advisor recommendation. B. Wait seven days.
- Remove all turf and weeds. D. Fertilize with 1 lb. actual nitrate nitrogen per 1,000 square feet and water
- for 14 days. Spray non-selective systemic herbicide.
- Wait seven days. G. Grub weeds and perform planting within 14 days and immediately apply a selective pre_emergent herbicide per Adviser's recommendations, proof of
- pre-emergent must be provided H. Total weed abatement program between 42 days.

TO BE PLACED ON ALL CFD/LMD PLANS

| | | | | | (Weedno | te.dwg) |
|--|--|-------|--------------|--------------------|---------|---------|
| A STATE OF S | Director of Public Works | Date: | CITY PUBI | OF lic works de | | RONA |
| ORONA HE CIBCLE CITY Horospienosi hy 13. 1890 | Director of Parks & Community Services | Date: | | ABATEME | - ' ' ' | 625 |
| | | | REQ | UIREMEN' | 1 | |

PLANTING

Parkways

- E. Parkways shall be graded 1" below concrete at sidewalk and slope 2% toward curb.
- 2. Slopes & Planters
 - A. All CFD/LMD's shall contain plantings of trees, shrubs, subshrubs, and and ground covers.

- C. 5 gallon shrubs shall be in large sweeping mass plantings. They are to be installed in triangular pattern at the radius of shrub width.
- D. A 3" layer of medium grind mulch is to be applied throughout all LMD/CFD planting areas. Submittal to be approved by City Inspector. Hydroseed may be substitute for mulch with approval of the Maintenance Services General Manager or his/her designee.

- No shrubs or trees shall be planted closer than diameter of plant width to any sidewalks, "V" — ditches, walls or pedestals unless otherwise dictated by by field conditions and approved by Maintenance Services General Manager or his/her designee.
- H. No shrubs or trees shall be planted closer than its diameter at maturity to any walls, fences, sidewalks, pedestals or other like improvements unless dictated by field conditions and approved in writing by the Maintenance Services General Manager or his/her designee.

(PIntnot1.dwg)

CORONA

626

1 of 2

ΟF

PLANTING

NOTES

PUBLIC WORKS DEPARTMENT

/ TO BE PLACED ON \ ALL CFD/LMD PLANS

| de discontinue | | | CIT |
|---|--|-------|-----|
| CORNA | Director of Public Works | Date: | |
| THE CIPCLE CITY" Incorporated pay 11, 1806 | | | |
| Capt to an | Director of Parks & Community Services | Date: | |
| | | | |

PLANTING (Continued)

J. All soil next to curbs and sidewalks shall be graded at 1" below the

- M. Slopes shall be lush, vigorous, full and in healthy condition prior to acceptance by the City.
- N. Soil amendments shall be added to all planting areas with gradients 2:1 and less. (Agronomic soil test shall recommend specific amounts, see City Standard Specification 624 "Soil Preparation Notes")
- O. Prior to designing the planting, all landscape architects shall obtain a copy of the soils report and guarantee that no excessive salts, boron or other toxins exist within the proposed planting areas.
- P. Mulch samples must be approved by the Maintenance Services Department prior to application

TO BE PLACED ON ALL CFD/LMD PLANS

(PIntnot2.dwg) CORONA PUBLIC WORKS DEPARTMENT Director of Public Works PLANTING 626 Director of Parks & Community Services Date: NOTES 2 of 2

Root Depth

Sprinkler Type Precip. Cycle Run Soak Time Total Run Rate Time (Minutes) Time (Minutes)

Comp Total Cycle Run Time: 0:05 Total Run Time: 0:15 to 0:16

Root Depth Landscape

Coefficient

5 to 5

(in/hr) (Minutes)

Landscape

IRRIGATION

- 1. All CFD and LMD irrigation is to have separate and independent points of connection, water meters, valves, automatic controllers, controller pedestals, electric meter and lateral lines. No irrigation component shall service both a CFD/LMD and private
- 2. The following irrigation equipment shall be installed according to the approved City Standard Specifications, Series 600:
- Rainbird PESB-R (specify the "R" when used with recycled water), Series remote control valves with ball valve assembly in concrete valve box with locking metal lid.

4. RCV valves and splice boxes shall be identified with White Carsonite Markers when grouped away from streets or sidewalks.

10. All wire, including low voltage wire, shall be installed in SCH. 40 PVC conduit.

/ TO BE PLACED ON ALL CFD/LMD PLANS OF Director of Public Works PUBLIC WORKS DEPARTMENT

(Irrgnot1.dwg) CORONA 623 IRRIGATION NOTES Director of Parks & Community Services Date:

IRRIGATION (continued)

- 12. All valve boxes shall be mounted on 2" x 4" x 8" concrete block/brick to avoid
- 13. Valve boxes to be rectangular 12" x 18" purple plastic (except RCV valves) with lockable top, set 1" above grade in ground cover and 1/2" above grade in turf. Valve boxes shall be branded with a "V" and the valve number on the lid with 2" high x 1" letters. Install 3 1/4" aluminum dome markers stamped with the 1/2" letter 'V' and corresponding valve number on curb tops.
- 14. All valves and other appurtenances shall be no closer than 24" apart.

- 17. No excess water shall be allowed on street or sidewalk.
- 18. All systems shall be designed to conserve water and avoid run—off.
- 19. All wire splices shall be Spears Dri Splice DS—100, or approved equal with 2 ft. expansion loops, and installed in 10" round, locking boxes (Carson or better). Boxes shall be branded with an "E" on the lid with a 2" high x 1" wide letter. Install 3 1/4" aluminum dome markers on curb tops and stamp with the 1/2" letter 'E'.
- 20. All irrigation mainline and laterals shall be sleeved with PVC Schedule 80, 2 x the proposed line size under all hardscape. Wires shall be sleeved separately in PVC Schedule 40 sleeve. All sleeve locations shall extend 2' beyond hardscape and be sealed with expandable foam. All sleeve locations shall be identified and viewable with a 10" round locking purple valve box and 6" sch. 40 Pipe. Valve box lid must be branded with a 2"x1", "S". Install 3 1/4" aluminum dome markers on curb top and stamp with the 1/2" letter 'S'. All mainline pipe and wires are to be trenched and buried.

TO BE PLACED ON ALL CFD/LMD PLANS (Irrgnot2.dwg) OF CORONA

PUBLIC WORKS DEPARTMENT irector of Public Works 623 IRRIGATION NOTES Director of Parks & Community Services Date: 2 of 3 IRRIGATION (continued)

- 21. All lateral pipe is to be trenched and buried
- 22. All mainline and lateral pipe shall be non-potable purple P.V.C.

- 26. Remote control valves shall be Rainbird PESB Series or approved equal installed per City Standard Specification 604 including a TxT ball valve per detail.
- 27. All mainline and valves shall be located 18" from all sidewalks or curbs.
- 29. Use Teflon tape on all threaded fittings except on Marlex fittings.
- 30. All mainline shall be pressure tested at 150 psi for a minimum of four hours in presence of a City inspector prior to backfilling.

- 32. Contractor is to submit mylam "As Built" plans along with AutoCAD DEX file on CD-ROM to Maintenance Services Department Landscape Contract Inspection prior to acceptance of
- 33. Contractor is to submit (2) 11" x 14" color coded laminated controller charts to the Maintenance Services Department Landscape Contract Section office prior to acceptance of CFD/LMD lots.

35. Contractor is to submit the Calsense certification letter to Maintenance Services Department prior to acceptance of CFD/LMD lots.

Director of Parks & Community Services Date:

Backflow Preventer must be installed prior to installation of the Water Meter

(TO BE PLACED ON ALL CFD/LMD PLANS) (Irrgnot3.dwg) OF CORONA PUBLIC WORKS DEPARTMENT Director of Public Works 623

IRRIGATION NOTES

Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal22344455432240 Sprinkler Type Precip. Cycle Run Soak Time Total Run (Minutes) Time (Minutes) Description (in/hr) (Minutes) 5 to 5 Comp
Total Cycle Run Time: 0:05 Total Stations: 1 Cycles: 3 Total Run Time: 0:15 to 0 Program Definition / Information Root Depth Irrigation | Cycles | Water Landscape Amount Budgeting I
0.5 2 100% Coefficient Clay Loam Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal33566787653362 Sprinkler Type Precip. Cycle Run Soak Time Total Run Description Rate Time (Minutes) Time (Minutes) (in/hr) (Minutes) 3 Drip rings trees- maintenance
 1.77
 8
 69
 17

 Total Cycle Run Time: 0:08
 Total Run Time: 0:17

رram B : Low water use drip - mainter

Soil Type

Clay Loam

am A : Low water use drip - establis

Irrigation | Cycles | Water

Description

Low water use drip

establishment shrubs Total Stations: 1 Cycles: 3

Irrigation | Cycles | Water

0.5 3 100%

Total Stations: 1 Cycles: 2

Program Definition / Information

Soil Type

Clay Loam

Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal34578899754473

UNDERGROUND SERVICE ALERT CALL: TOLL FREE

TWO WORKING DAYS BEFORE YOU DIG



bmla LANDSCAPE ARCHITECTURE

310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551 PROJECT NUMBER: XX

12/15/2017

PLANS PREPARED UNDER SUPERVISION OF SHANNON KARLSON

Reference Plans for

of 3

these Improvements

Date By

Scale REVISIONS App'd

9/20/2018 Engineering ___ Nelson Nelson **PUBLIC WORKS DIRECTOR** Parks ____

CITY OF CORONA LANDSCAPE MAINTENANCE DISTRICT LANDSCAPE PLANS

PROJECT: CFD 2001-1 AREA 4 TURF REMOVAL & RENOVATION SHEET TITLE: GENERAL NOTES

LN-1

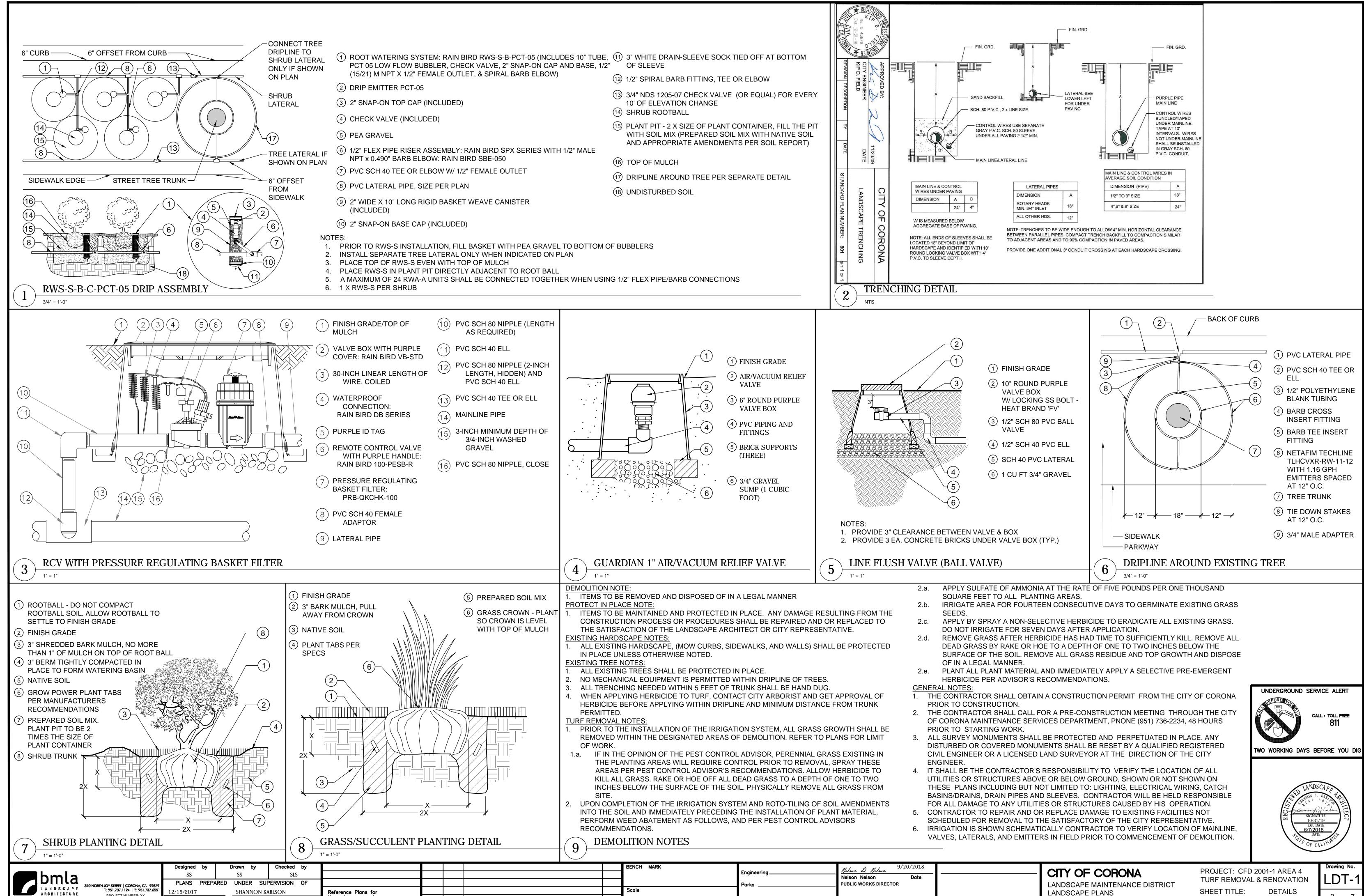
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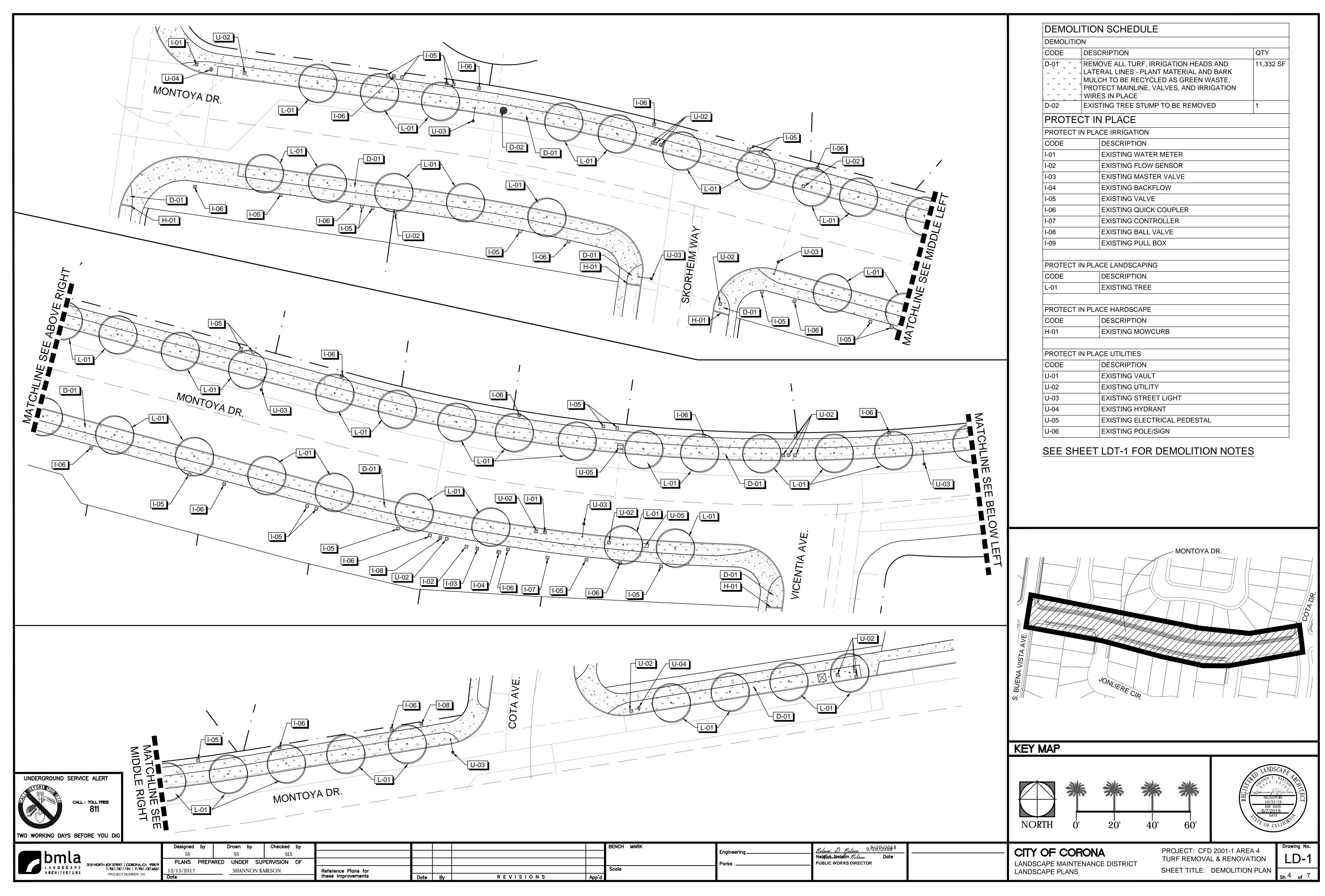
these Improvements

Date By

REVISIONS

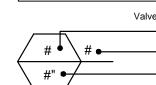
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|---------------------------------------|-----------------------|----------------------|------------------------------|--|--|---------------------------|--------------------------|-------------|--|
| PROJECT: 201 | 7 CORONA | TURF REN | IOVATION CFD | 2001-1 A | REA 4 | | | DATE: 12 | 2/13/2017 |
| This worksheet is | filled out by the | project appl | icant and it is a req | uired eleme | nt of the La | ndsc ap | e Documenta | tion Packag | e. |
| Reference Eva | 200 | tion (ETo |) | 56.37 | | | | | |
| Conversion Fa | actor | | | 0.62 | | | | | |
| Hydrozone # | Plant Factor | Irrigation | Irrigation | | AF | | cape Area | ETAF x | Estimated |
| /Planting Description ^a | (PF) | Methodb | Efficiency (IE) ^c | (PF | /IE) | (5 | sq, ft,) | Area | Total Water Use (ETWU) ^d |
| Regular Land | scape Areas | ; | | | | | | | |
| Low water | 0.3 | | 0.81 | | 0.37 | | 11332 | 4197 | 146,68 |
| use plantings | 75.2 4/4 | | | | | | 72.00 | | 7 |
| Medium water use plantings | 0.5 | Drip | 0.81 | | 0.62 | | 752 | 464 | 16,22 |
| High water use turf | 0.7 | Drip | 0.81 | | 0.86 | | 0 | 0 | 1.1 |
| Low use plantings | 0.3 | Rotary Nozzles | 0.75 | | 0.40 | | 0 | 0 | 11 |
| | | or Rotors | | | | | | | |
| Med use | 0.5 | Rotary | 0.75 | | 0.67 | | 0 | 0 | |
| plantings | | Nozzles or Rotors | | | | | | | |
| High water | 0.7 | Rotary | 0.75 | | 0.93 | | 0 | 0 | |
| use turf | 5 | Nozzles or Rotors | 00 | | 0.00 | | J | | |
| | | OI IKOLOIS | | TOT | ALS | | 12,084 | 4661 | 162,90 |
| Special Lands | scape Areas | | | 244 | TO PARTY OF THE PA | l | 100000 - 100000 - 100000 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Turf areas parks | | | | l i | 1 | | 0 | 0 | |
| Irrigated w/ | | | | 1 | 1. | | 0 | 0 | |
| recycled water | | | | | | | | | |
| Water | | | | 6 | 1 | | 0 | 0 | |
| features | | | | TOT | ALS | | 0 | 0 | |
| | | | | 101 | ALJ | | (3) | WU Total | 162,90 |
| | | | | Maximun | Allowed | ed Water Allowance (MAWA) | | | 232,28 |
| MAWA | | | | | | | | | |
| ET AF for residential | areas is .55 or .45 f | or commercial | lareas | | | | | | |
| | | Conv | yy | | | | | | |
| MAWA = | ETO* | Factor * | ((ETAF | * | LA) | + | (1-ETAF) | * | SLA)) |
| | 56.37 | 0.62 | 0.55 | | 12,084 | | 0.45 | | 0 |
| MAWA= | 232,281 | | | | - | | | | |
| ETAF Calcula | tions | | | | | | | | |
| Regular Landso | | | All Landscape A | Areas | | | | | |
| Total ETAF x Area | 4,661 | | Total ETAF x Area | 4,661 | | | | | |
| Total Area | 12,084 | | Total Area | 12,084 | | | | | |
| Average ETAF | 0.39 | | Site wide ETAF | 0.39 | | | | | |
| | | | | 4 10 10 10 10 10 10 10 10 10 10 10 10 10 | | | | | |

| 0) (1 (10 0) | MANUEL OTUBER ALORS IN THE COLUMN |
|--------------|--|
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
| | RAIN BIRD XCZ-100-PRB-R MEDIUM PLUS FLOW FOR COMMERCIAL APPLICATIONS. PURPLE CAP DESIGNATES FOR RECLAIMED WATER, NON-POTABLE USE. 1" PESBR VALVE AND 1" PRESSURE REGULATING 40PSI BASKET FILTER3-20GPM |
| \$ | FLUSH VALVE INSTALL IN PURPLE VALVE BOX AT BOTH ENDS OF LATERAL SYSTEM. (2) PER VALVE |
| \Phi | NETAFIM 65 ARIA100 1" MALE PIPE THREAD GUARDIAN AIR/VACUUN RELIEF VENT. INSTALL IN PURPLE VALVE BOX MAXIMUM PRESSURE: 150 PSI |
| • | NETAFIM TECHLINE TLHCVXR-RW-11-12 1.16 GPH EMITTERS SPREAD AT 12" O.C. DRIP RING AROUND TREE - REFER TO INSTALLATION DETAIL |
| | AREA TO RECEIVE DRIP EMITTERS RAIN BIRD PCT PRESSURE COMPENSATING THREADED LOW-FLOW BUBBLER IN ROOT WATERING ASSEMBLY. MODEL: RWS-S-B-C-PCT5 REFER TO DETAIL FOR EMITTER LAYOUT |
| | Emitter Notes: |
| | SHRUBS TO RECEIVE ONE 5GPH EMITTER |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
| С | EXISTING CONTROLLER |
| WM | EXISTING WATER METER |
| | IRRIGATION LATERAL LINE: PVC SCHEDULE 40-NP |
| | EXISTING MAINLINE. PROTECT IN PLACE |



Valve Number EXISTING PESB VALVES TO BE REPLACED WITH LOW FLOW DRIP KITS. RETAIN CONNECTION TO MAINLINE

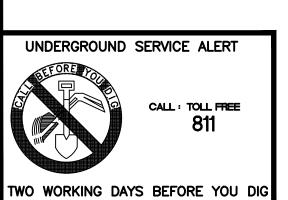
IRRIGATION NOTES:

- 1. MAINLINE VALVES, IRRIGATION METERS, ETC., ARE SHOWN ON THE STREET AND/OR SIDEWALK FOR CLARIFICATION ONLY. INSTALL IN PLANTER AREA THROUGHOUT THE SITE. ALL SLEEVING TO BE LOCATED WITHIN 2' OF BACK OF CURB.
- 2. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
- 3. NO EXCESS WATER SHALL BE ALLOWED ON STREET OR SIDEWALK
- 4. ALL PIPE AND FITTINGS INSTALLED ON THE SURFACE SHALL BE SCHEDULE 40, UV RESISTANT PVC
- 5. USE TEFLON TAPE ON ALL THREADED FITTINGS EXCEPT ON MARLEX FITTINGS
- 6. INSTALL IN-LINE CHECK VALVE ON ALL LATERALS FOR EVERY 14' OF ELEVATION CHANGE

THIS PLAN IS DIAGRAMMATIC. LOCATE ALL LINES, VALVES AND EMITTERS IN PLANTER

CONTRACTOR TO VERIFY EXACT VALVE LOCATIONS IN THE FIELD

CONTRACTOR TO REPROGRAM IRRIGATION CONTROLLER SO THAT VALVES RUN IN CONSECUTIVE ORDER



310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551 PROJECT NUMBER: XX

12/15/2017

PLANS PREPARED UNDER SUPERVISION OF

Reference Plans for these Improvements

Date By

REVISIONS App'd

Nelson D Nelson
Nelson Nelson **PUBLIC WORKS DIRECTOR**

CITY OF CORONA LANDSCAPE PLANS

LANDSCAPE MAINTENANCE DISTRICT

PROJECT: CFD 2001-1 AREA 4 TURF REMOVAL & RENOVATION SHEET TITLE: IRRIGATION LEGEND

